Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1234	(timing clocking) same servo and (speed velocity) near10 (rate)	USPAT	OR	ON	2004/07/15 09:21
L2	2400	(timing clocking) same servo and (speed velocity) near10 (rate) 360/51.ccls.	USPAT	OR	ON	2004/07/15 09:21
L3	46	(timing clocking) same servo and (speed velocity) near10 (rate) and 360/51.ccls.	USPAT	OR	ON	2004/07/15 10:23
L4	239	(timing clocking) same servo and (writ$5 record$5) near10 (speed velocity) near10 (rate)	USPAT	OR	ON	2004/07/15 10:25
L5	8	(timing clocking) same servo and (writ$5 record$5) near10 (speed velocity) near10 (rate) and 360/31, "51".ccls.	USPAT	OR	ON	2004/07/15 11:12
L8	22	(timing clocking) same servo and (writ$5 record$5) near10 (speed velocity) near10 (rate) and 360/31,"51","73".02.ccls.	USPAT	OR	ON	2004/07/15 11:24
L9	1	(timing clocking) same servo and (writ$5 record$5) near10 (speed velocity) near10 (rate) and 360/31,"51","73".02.ccls.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/15 11:13
L10	239	(timing clocking) same servo and (writ$5 record$5) near10 (speed velocity) near10 (rate)	USPAT	OR	ON	2004/07/15 11:24
L11	0	(timing clocking) same servo and (writ$5 record$5) near10 (speed velocity) near10 (rate) and (mangetic near (tape disk disc medium media))	USPAT	OR	ON	2004/07/15 11:25
L12	171	(timing clocking) same servo and (writ$5 record$5) near10 (speed velocity) near10 (rate) and (magnetic near (tape disk disc medium media))	USPAT	OR	ON	2004/07/15 11:25
L13	171	(timing clocking) same servo and (writ$5 record$5) near10 (speed velocity) near10 (rate) and (((helical serpentine) near tape) (magnetic near (tape disk disc medium media)))	USPAT	OR	ON	2004/07/15 11:27
L14	1	(timing clocking) near10 servo and (writ$5 record$5) near10 (speed velocity) near10 (rate) and 360/31,"51".ccls.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/15 11:28

L15	7	(timing clocking) near10 servo and (writ$5 record$5) near10 (speed velocity) near10 (rate) and "360"/$.ccls.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/15 11:29
L16	92	(timing clocking) near10 servo and (writ$5 record$5) near10 (speed velocity) near10 (rate) and "360"/$.ccls.	USPAT	OR	ON	2004/07/15 11:29
L17	1	"6122124".pn.	USPAT	OR	OFF	2004/07/15 15:09
L18	9	(vco) same rate same phase near (detect$5) and (read near head)	USPAT	OR	OFF	2004/07/15 15:10
L19	18	(vco) same phase near (detect$5) and (vco same rate) and (read near head)	USPAT	OR	OFF	2004/07/15 15:16
L20	2	(vco) same phase near (detect$5) and (vco same transfer near rate) and (read near head)	USPAT	OR	OFF	2004/07/15 15:18
L21	19	(vco) same phase near (detect$5) and (vco same transfer near rate)	USPAT	OR	OFF	2004/07/15 15:18
S1	1	10/034362	US-PGPUB; USPAT	OR	OFF	2004/07/12 09:23
S2	3778	tape same speed same rate	US-PGPUB; USPAT	OR	OFF	2004/07/01 08:29
S3	1120	tape same speed same rate and "360"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2004/07/01 08:29
S4	141	tape same speed same rate same (second) same first and "360"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2004/07/01 08:37
S5	1	"5363200".pn.	US-PGPUB; USPAT	OR	OFF	2004/07/01 11:37
S6	8532	(reproduc$5 read$5) same (timing servo burst) and (record$5 writ$5) same (speed velocity) and (serpentine helical tape)	US-PGPUB; USPAT	OR	OFF	2004/07/01 11:38
S7	2880	(reproduc$5 read$5) same (timing servo burst) and (record$5 writ$5) same (speed velocity) and (serpentine helical tape) and "360"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2004/07/01 11:39
S8	2151	(reproduc$5 read$5) same (timing servo burst) and (record$5 writ$5) same (speed velocity) same (serpentine helical tape) and "360"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2004/07/01 11:40

S9	1661	(reproduc$5 read$5) same (timing servo burst) same (seprentine helical tape) and (record$5 writ$5) same (speed velocity) same (serpentine helical tape) and "360"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2004/07/01 11:40
S10	189	(reproduc$5 read$5) same (timing servo burst) same (seprentine helical tape) and (record$5 writ$5) same (speed velocity) same (serpentine helical tape) and "360"/75,"53","31".ccls.	US-PGPUB; USPAT	OR	OFF	2004/07/01 11:41
S11	176	(reproduc$5 read$5) same (timing servo burst) same (seprentine helical tape) and (record$5 writ$5) same (speed velocity) same (serpentine helical tape) and "360"/75,"53","31".ccls.	USPAT	OR	OFF	2004/07/01 12:21
S12	58	(reproduc$5 read$5) same (timing servo burst) same (seprentine helical tape) and (record$5 writ$5) same (speed velocity) same (serpentine helical tape) and (buffer$5) and "360"/75,"53","31".ccls.	USPAT	OR	OFF	2004/07/01 12:23
S13	15	(reproduc$5 read$5) same (timing servo burst) same (seprentine helical tape) and (record$5 writ$5) same (speed velocity) same (serpentine helical tape) same (buffer$5) and "360"/75,"53","31".ccls.	USPAT	OR	OFF	2004/07/01 12:23

| S14 | 97 | ("3821710" \| "3962727" \| "4011587" \| "4099211" \| "4106065" \| "4125881" \| "4172265" \| "4175267" \| "4215377" \| "4257075" \| "4293879" \| "4357639" \| "4390915" \| "4394694" \| "4404605" \| "4412260" \| "4420778" \| "4467373" \| "4484236" \| "4486796" \| "4491886" \| "4492991" \| "4544967" \| "4554598" \| "4581662" \| "4609947" \| "4614991" \| "4620245" \| "4628372" \| "4628383" \| "4636873" \| "4637023" \| "4641210" \| "4642714" \| "4644414" \| "4651239" \| "4654731" \| "4663673" \| "4665447" \| "4677504" \| "4680654" \| "4682247" \| "4688109" \| "4703373" \| "4714971" \| "4717974" \| "4731678" \| "4737865" \| "4739420" \| "4758904" \| "4758911" \| "4760474" \| "4769811" \| "4774605" \| "4786011" \| "4796115" \| "4799221" \| "4802172" \| "4812924" \| "4821129" \| "4835628" \| "4843495" \| "4845577" \| "4897739" \| "4918546" \| "4930027" \| "4933784" \| "4935824" \| "4935827" \| "4970612" \| "4977469" \| "4984104" \| "5003411" \| "5034833" \| "5050018" \| "5068757" \| "5103355" \| "5115500" \| "5142422" \| "5191491" \| "5251077" \| "5262905" \| "5303095" \| "5327305" \| "5349479" \| "5349481" \| "5414570" \| "5535068" \| "5602694" \| "5633764" \| "5717534" \| "5742444" \| "5781688" \| "5825572" \| "5872997" \| "5953177").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/07/01 13:22 |
| S15 | 2667434 | (timing) and ((speed velocity) near5 tape) and buffer$5 and 360/75, "31", "51","53" ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/06 10:54 |

S16	106	(timing) and ((speed velocity) near5 tape) and buffer$5 and 360/75,"31","51","53".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 10:54
S17	68	(timing same tape) and ((speed velocity) near5 tape) and buffer$5 and 360/75,"31","51","53".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 11:01
S18	18	(timing near (signal marker) same tape) and ((speed velocity) near5 tape) and buffer$5 and 360/75, "31","51","53".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 11:04
S19	39	(timing near (signal marker)) and ((speed velocity) near5 tape) and buffer$5 and 360/75,"31","51", "53".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 12:52
S20	13	(clocking near (signal marker)) and ((speed velocity) near5 tape) and buffer$5 and 360/75,"31", "51","53".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 12:56
S21	60	(reference near5 (signal marker)) and ((speed velocity) near5 tape) and buffer$5 and 360/75,"31", "51","53".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 13:09
S22	6	(reference near5 (signal marker) same (sector region)) and ((speed velocity) near5 tape) and buffer$5 and 360/75,"31","51","53".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 14:51
S23	1	((synch synchronous) near5 (signal) same (sector region)) and ((speed velocity) near5 tape) and buffer$5 and 360/75,"31","51", "53".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 14:54
S24	3	((timing) near5 (signal) same (sector region)) and ((speed velocity) near5 tape) and buffer$5 and 360/75,"31","51","53".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 14:55
S25	72	((timing) near5 (signal)) and ((speed velocity) near5 tape) and buffer$5 and 360/75,"31","51", "53".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 15:25

S26	33	((servo) near5 (signal)) and ((speed velocity) near5 tape) and buffer$5 and 360/75,"31","51", "53".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 15:30
S27	16	((servo) near5 (signal) same (tim$5)) and ((speed velocity) near5 tape) and buffer$5 and 360/75,"31","51","53".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 15:30
S28	1067	(record$5 writ$5) same (velocity speed acceleration) same (rate) and (timing cloking) near (signal) and tape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/09 11:26
S29	387	(record$5 writ$5) near10 (velocity speed acceleration) near10 (rate) and (timing cloking) near (signal) and tape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/09 11:27
S30	409	(record$5 writ$5) near10 (velocity speed acceleration) near10 (rate) and (timing clocking) near (signal) and tape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/09 11:27
S31	326	(record$5 writ$5) near10 (velocity speed acceleration) near10 (rate) and (timing clocking) near (signal) and magnetic near tape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/09 11:27
S32	9	(record$5 writ$5) near10 (velocity speed acceleration) near10 (rate) and (timing clocking) near (signal) and magnetic near tape and vco and phase near detect$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/09 11:31
S33	13	(record$5 writ$5) near10 (velocity speed acceleration) near10 (rate) and (timing clocking) near (signal) and tape and vco and phase near detect$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/09 11:34
S34	4	(record$5 writ$5) and (controll$5) near10 (velocity speed acceleration) near10 (rate) and (timing clocking) near (signal) and tape and vco and phase near detect$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/09 11:35

S35	14	(record$5 writ$5) and (control$5) near10 (velocity speed acceleration) near10 (rate) and (timing clocking) near (signal) and tape and vco and phase near detect$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/09 11:45
S36	97	("3821710" | "3962727" | "4011587" | "4099211" | "4106065" | "4125881" | "4172265" | "4175267" | "4215377" | "4257075" | "4293879" | "4357639" | "4390915" | "4394694" | "4404605" | "4412260" | "4420778" | "4467373" | "4484236" | "4486796" | "4491886" | "4492991" | "4544967" | "4554598" | "4581662" | "4609947" | "4614991" | "4620245" | "4628372" | "4628383" | "4636873" | "4637023" | "4641210" | "4642714" | "4644414" | "4651239" | "4654731" | "4663673" | "4665447" | "4677504" | "4680654" | "4682247" | "4688109" | "4703373" | "4714971" | "4717974" | "4731678" | "4737865" | "4739420" | "4758904" | "4758911" | "4760474" | "4769811" | "4774605" | "4786011" | "4796115" | "4799221" | "4802172" | "4812924" | "4821129" | "4835628" | "4843495" | "4845577" | "4897739" | "4918546" | "4930027" | "4933784" | "4935824" | "4935827" | "4970612" | "4977469" | "4984104" | "5003411" | "5034833" | "5050018" | "5068757" | "5103355" | "5115500" | "5142422" | "5191491" | "5251077" | "5262905" | "5303095" | "5327305" | "5349479" | "5349481" | "5414570" | "5535068" | "5602694" | "5633764" | "5717534" | "5742444" | "5781688" | "5825572" | "5872997" | "5953177").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/09 11:56

S37	26	(variabl$5 chang$5) near5 (frequency) near3 (oscillat$5) same (transfer$5 near rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/12 11:46
S38	22	(phase near detector) same (voltage near controll$4) same (analog near filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/12 14:01
S39	182	(servo) same ((first one) near frequency) same ((other second) near frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/12 14:02
S40	95	(servo) same ((first one) near frequency) same ((other second) near frequency) and "360"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/12 14:37
S41	0	(servo) same ((first one) near frequency) same ((other second) near frequency) and tape"360"/$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/12 14:37
S42	78	(servo) same ((first one) near frequency) same ((other second) near frequency) and tape and"360"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/12 15:10